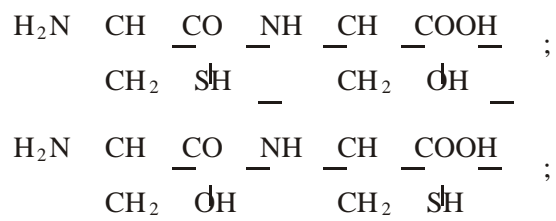


TBD02 – B2.1-2.4 IB Questions MS

1. (a) condensation;
water/H₂O;

2

(b)



2

- (c) arg-his-leu;
arg-leu-his;
his-arg-leu;
his-leu-arg;
leu-arg-his;
leu-his-arg;

3 max

*Award [3] for all six correct, [2] for five or four,
[1] for three.*

[7]

2. (i) hydrogen bonding;

1

- (ii) van der Waals' forces/hydrophobic interactions/dispersion forces;
ionic bonding/(formation of) salt bridges/electrostatic attractions;
covalent bonding/(formation of) disulfide bridges;

2 max

Award [1] each for any two.

Do not accept sulfur bridges on hydrogen bonding.

[3]